



# DOTS Address Geocode - International

Address Geocode – International takes your location information, cross-validates it against global authoritative data sets, returning highly accurate roof-top level geo-coordinates for almost any address in the world.

**Geo-location** Translates any global address to latitude and longitude coordinates in decimal degrees.

**Reverse Geo-location** Translates latitude and longitude coordinates to an address in the country's unique postal format.

## How It Works

### Returns Geo-Coordinates

Addresses are corrected and standardized using Service Objects' Address Validation, then converted to latitude and longitude coordinates.

### Reverse Geocodes to Address

Latitude and longitude coordinates are translated to validated and precise addresses in proper country format.

### Cascading Logic Delivers Highest Resolution

Returns 16 levels of precision including points of interest (POI), and also returns locality, administrative area, postcode and country.

### Creates URLs for Google Maps

Creates and returns Google Maps URLs for mapping applications.



## Features and Benefits

### Enables Accurate Pick-up and Delivery

Address Geocode – International leverages our 20+ years of address expertise to provide powerful and accurate location information in real-time.


- Both addresses and geo-coordinates are cross-validated using a combination of authoritative postal and spatial data.
- Advanced artificial intelligence maximizes match rates and accuracy in any country.
- Flexible outputs allow you to meet each country's postal addressing conventions.

### Returns Additional Location Intelligence

Depending upon the sophistication of the country's authoritative sources, Address Geocode – International provides supplemental information including:

- 16 levels of coordinates precision, ranging from admin area to street address and includes points of interest (POI).
- Returns locality, administrative area, postcode and country.
- Enables point-to-point distance calculations commonly used for shipping logistics and insurance risk assessment.
- Provides custom mapping URLs for popular mapping tools.

  
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